

prime numbers a small number of times.

Please replace the paragraph beginning on page 3, line 4 with the following:

BRIEF DESCRIPTION OF THE DRAWINGS

Specific embodiments of the present invention will now be described with reference to the accompanying drawings, in which:

Please replace the paragraph beginning on page 4, line ¹⁵~~14~~ with the following:

DETAILED DESCRIPTION OF THE INVENTION

As shown in Figure 1, mobile terminal equipment 4 is connected to a mobile earth station (MES) 6. The mobile terminal equipment 4 sends digital data to the MES 6 for RF modulation and transmission to a satellite 8, and the MES 6 receives and demodulates digital data from the satellite 8, the demodulated data then being sent to the mobile terminal equipment 4.